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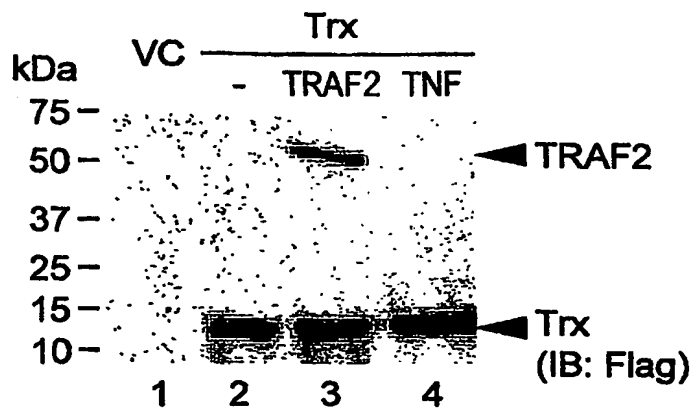


FIG.2A

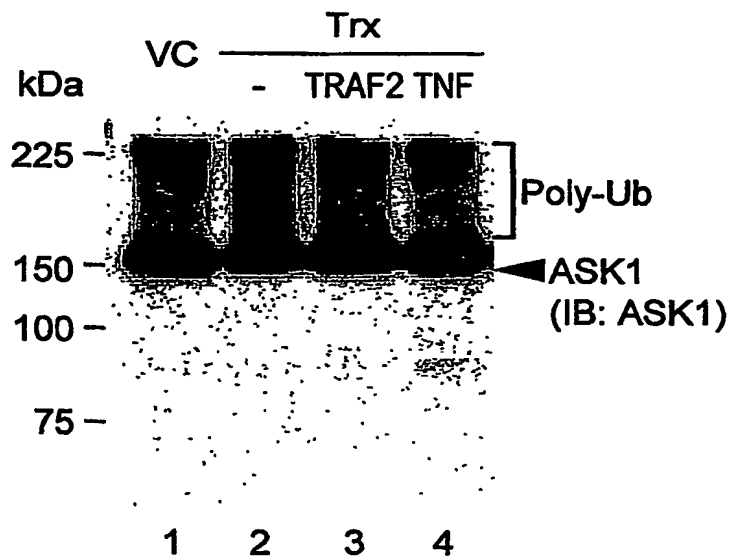


FIG.2B

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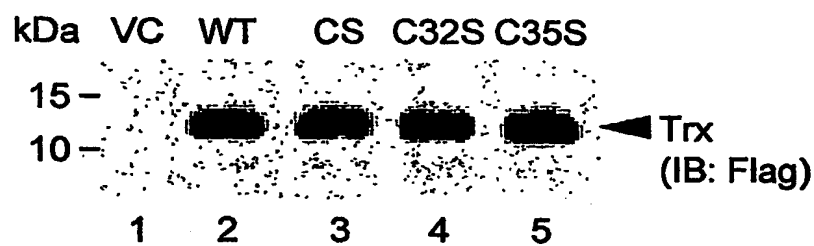


FIG.3A

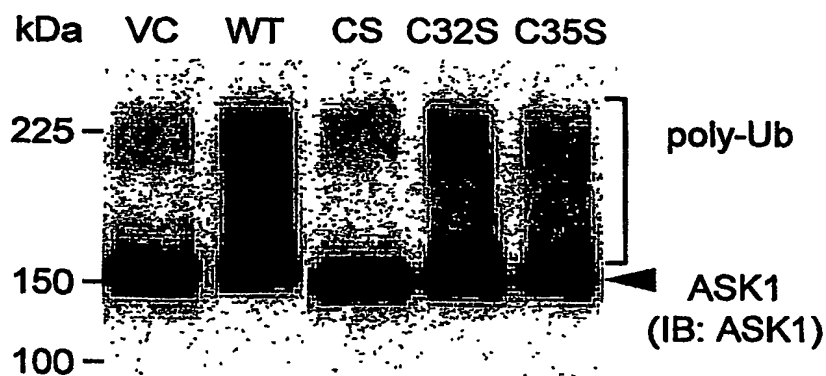


FIG.3B

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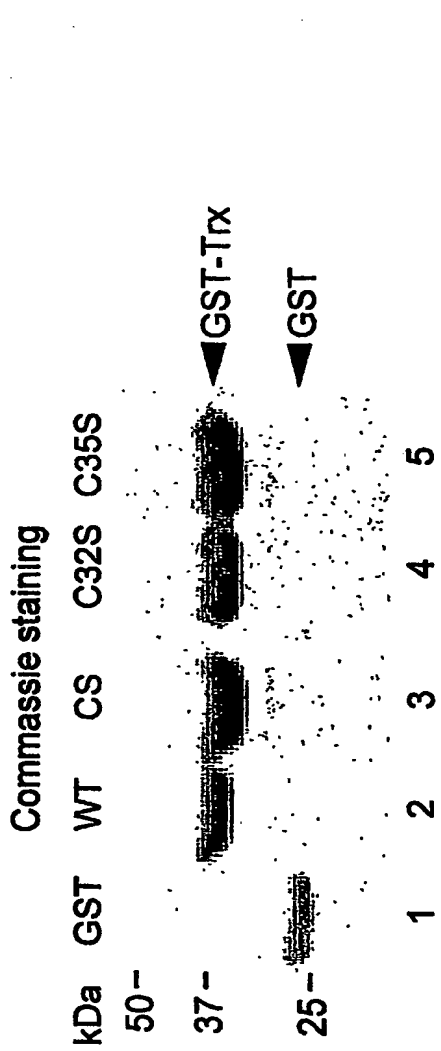


FIG.4A

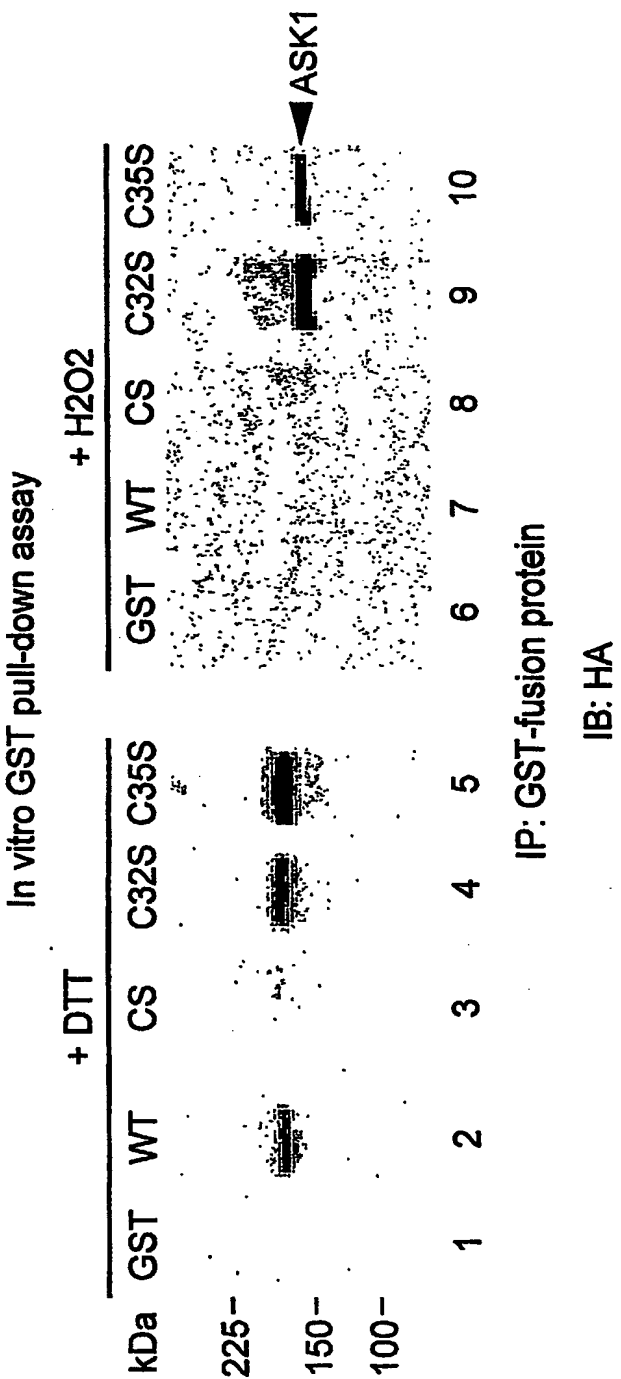


FIG.4B

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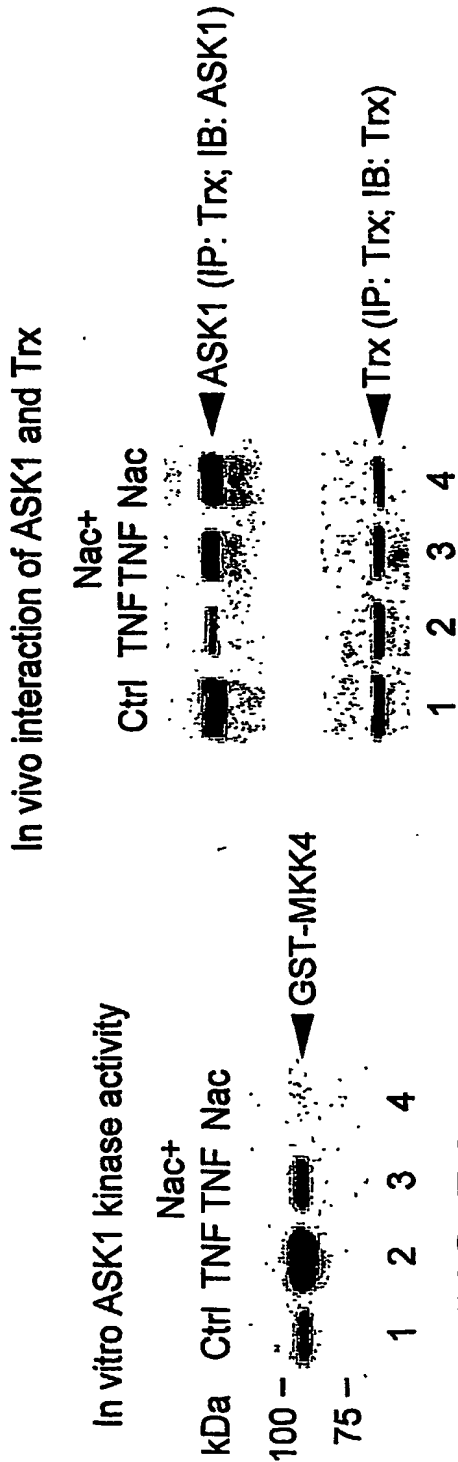
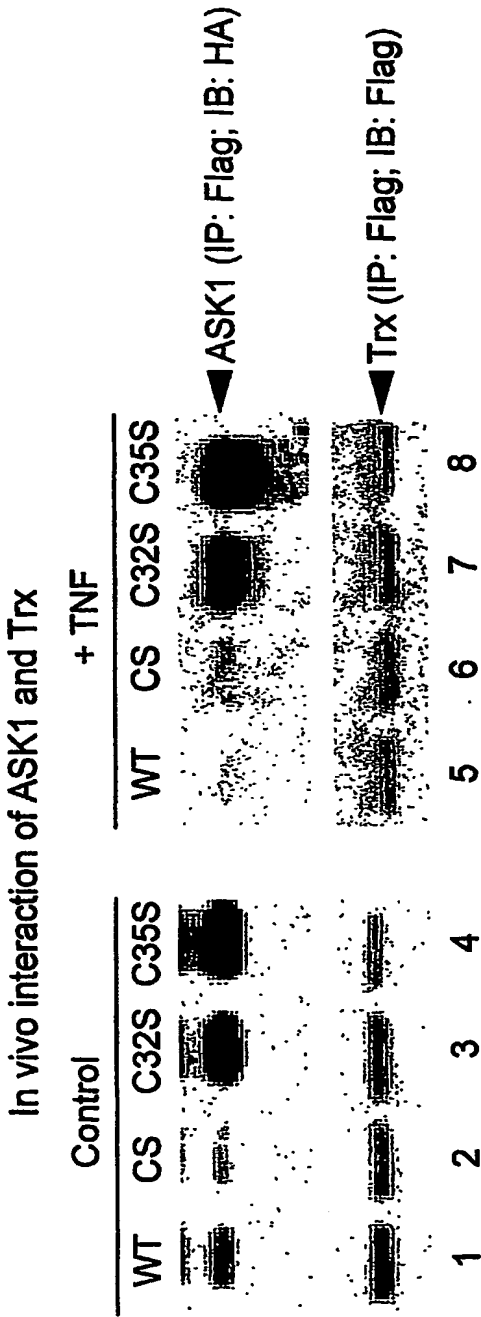


FIG.5B



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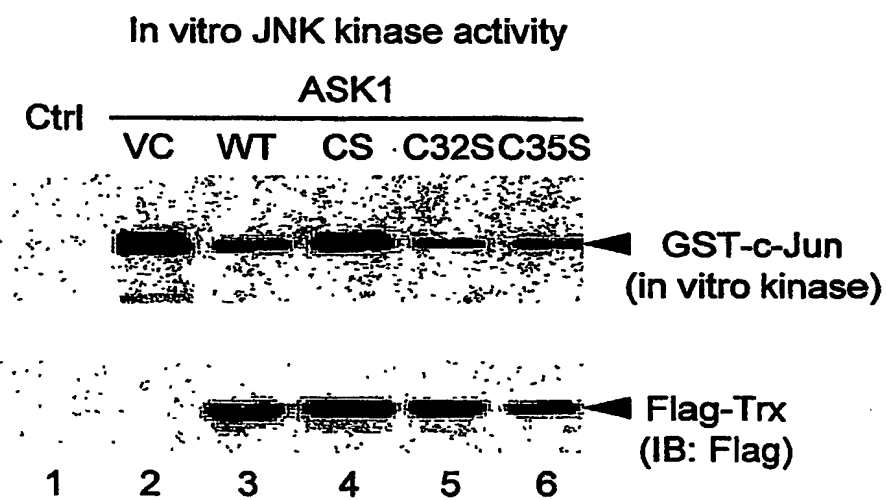


FIG.6A

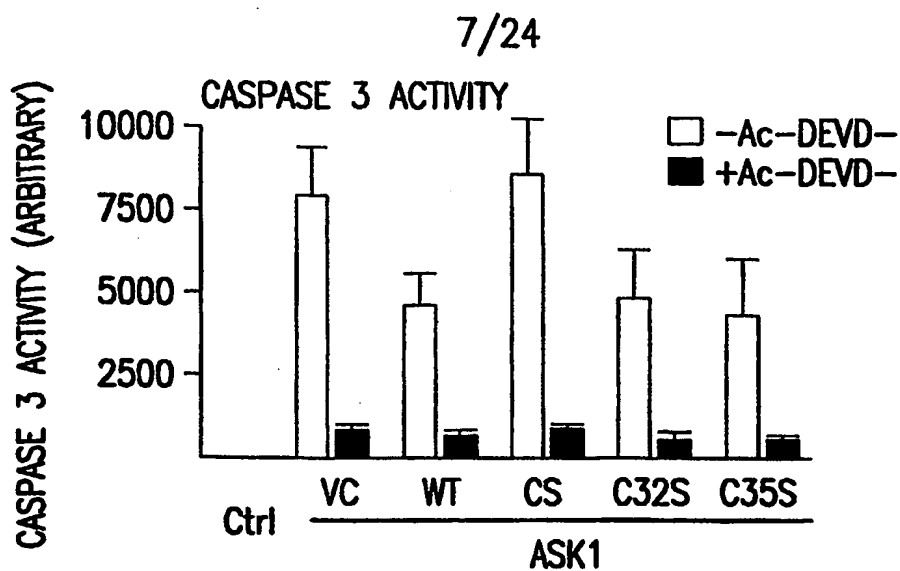


FIG.6B

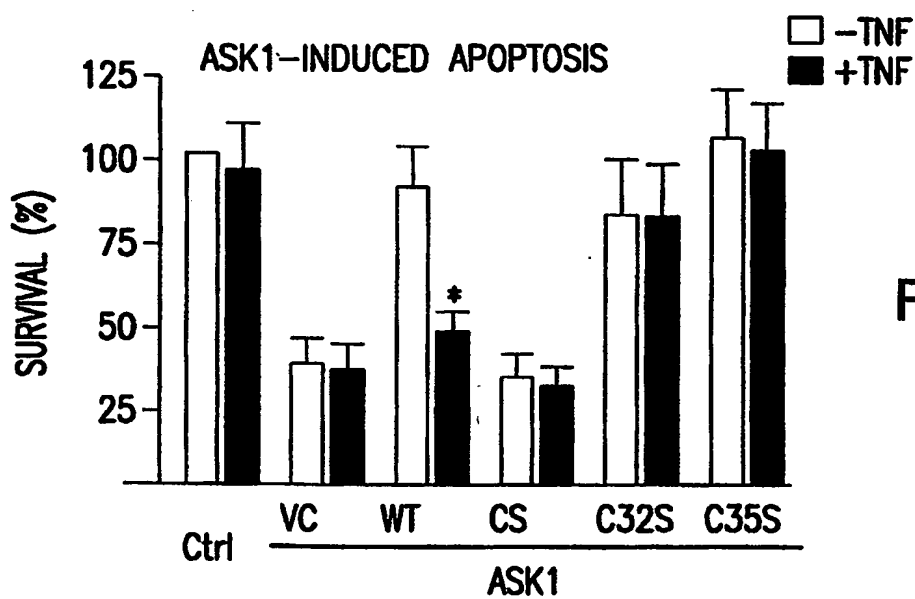


FIG.6C

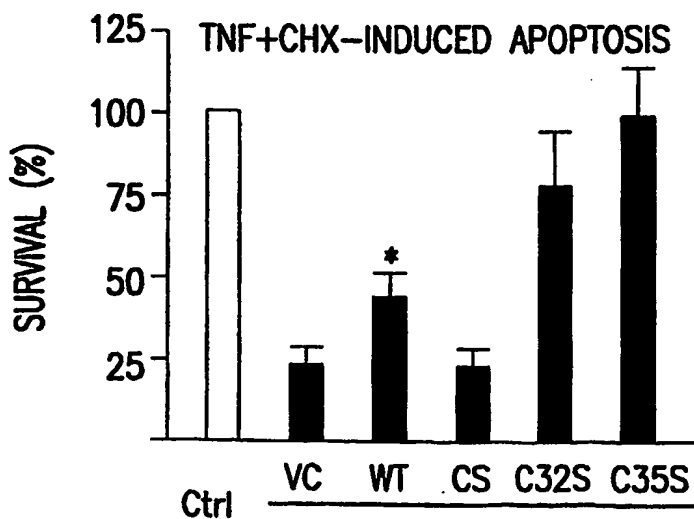
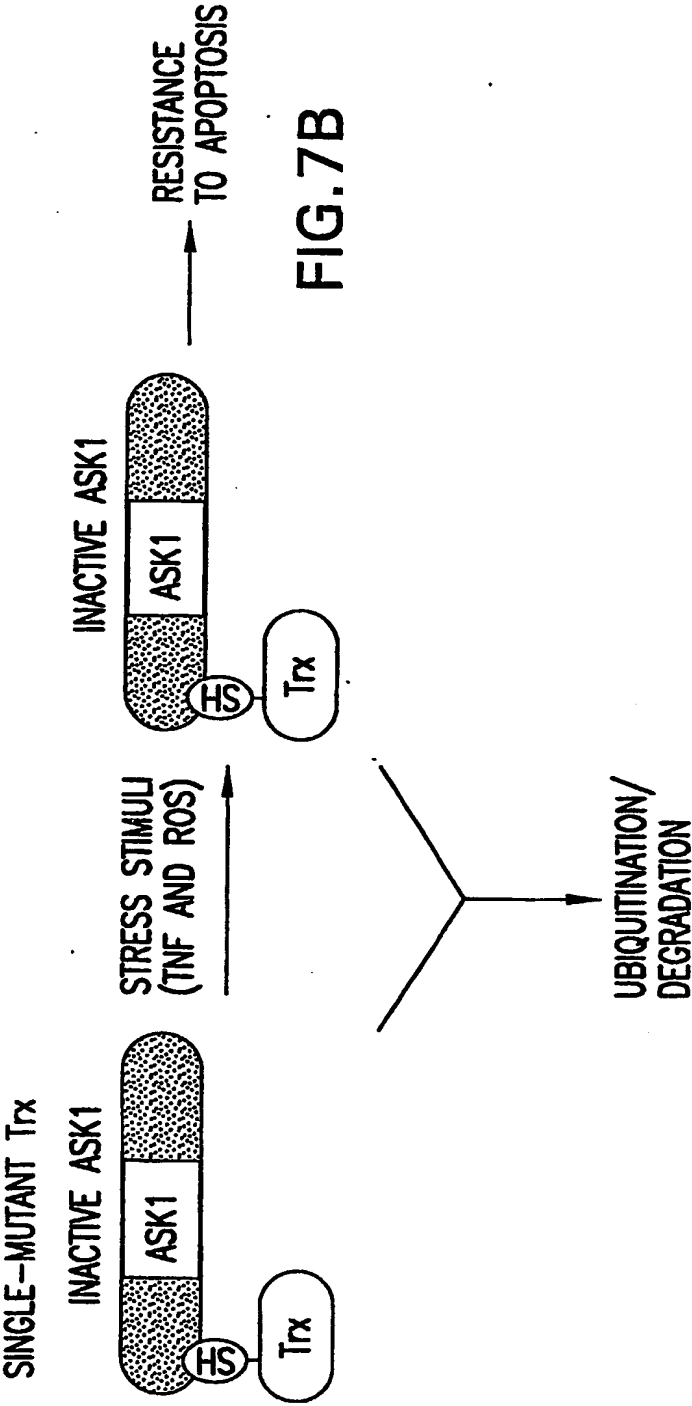
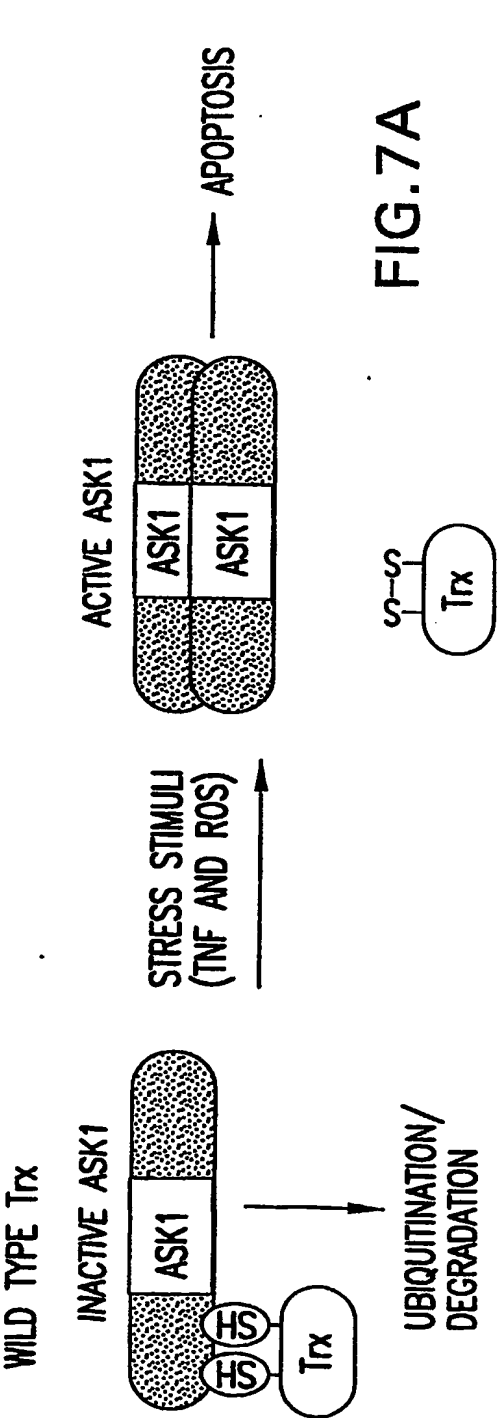


FIG.6D

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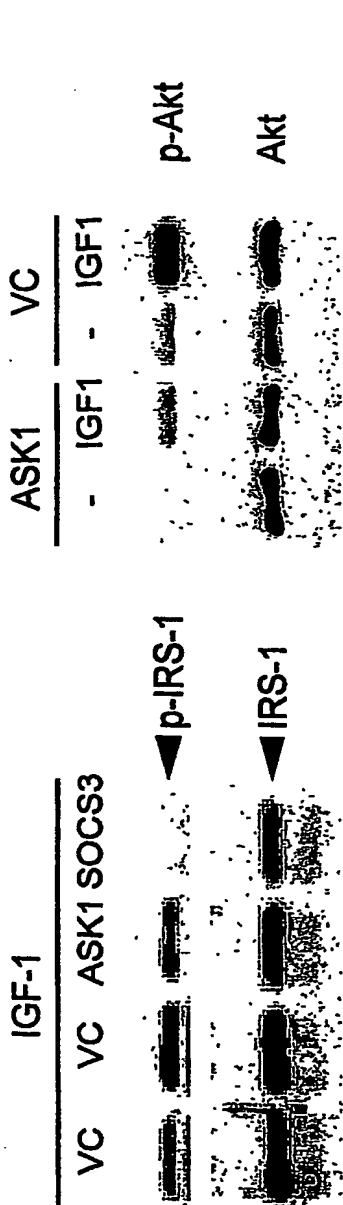


FIG.8A



FIG.8B

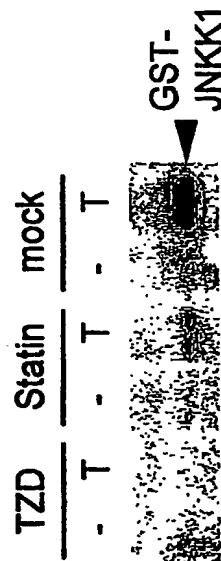


FIG.10A

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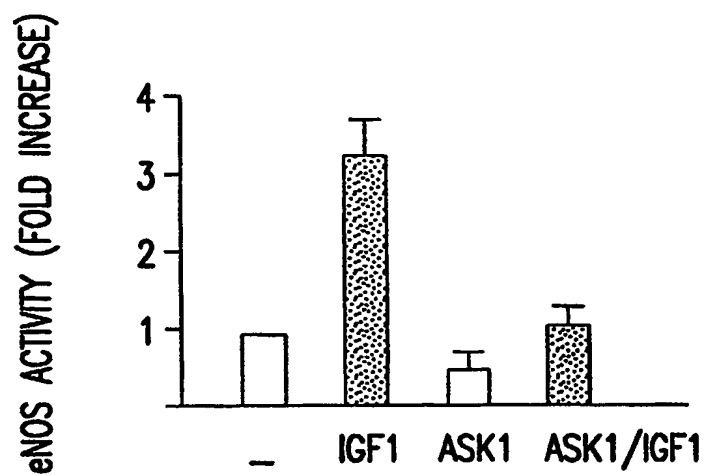


FIG. 8C

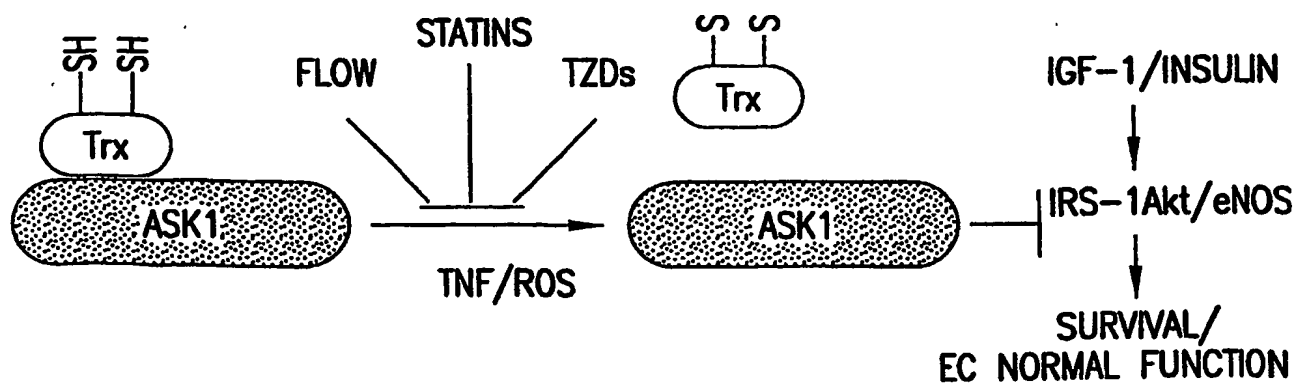


FIG. 10B

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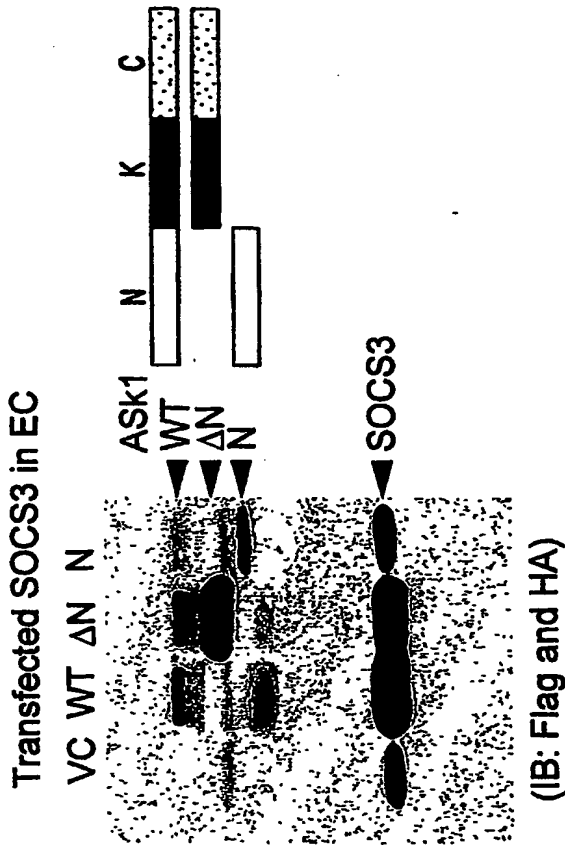


FIG.11B

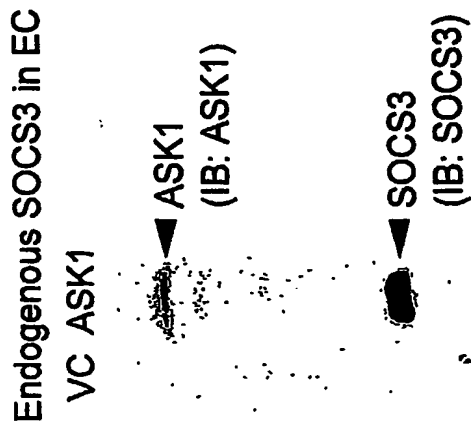


FIG.11A

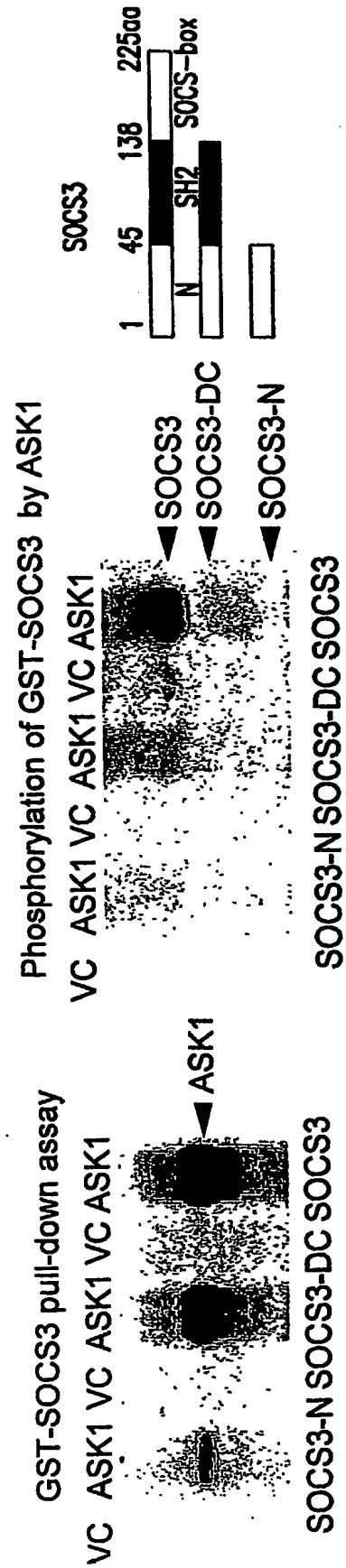


FIG.11D

FIG.11C

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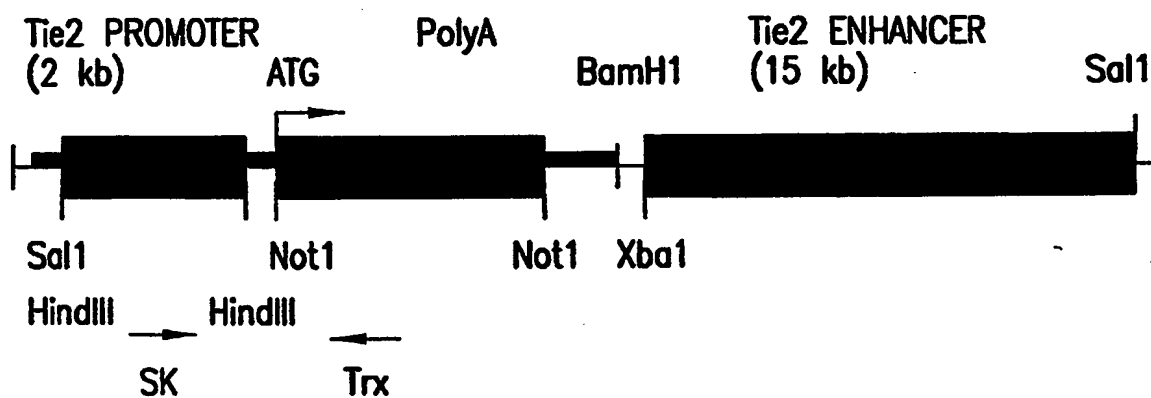


FIG.12A

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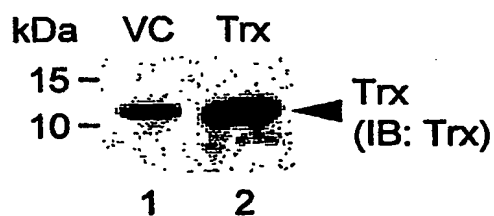


FIG.12B

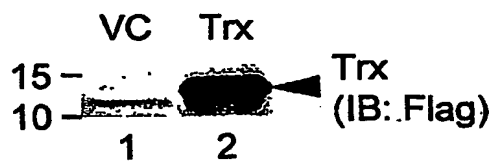


FIG.12C

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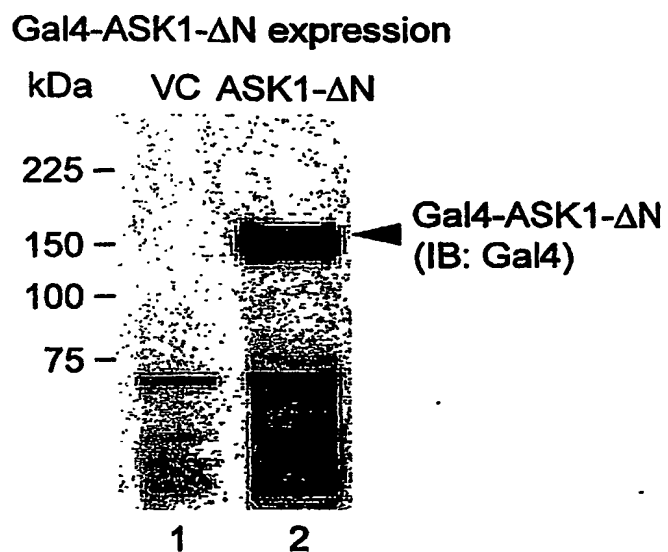


FIG.13A

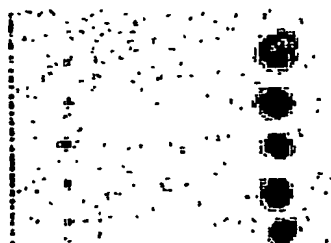
Interaction of ASK1- Δ N with cTnT in yeastVC/cTnT ASK1- Δ N/cTnT

FIG.13B

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ASK1 DOMAINS AND EXPRESSION CONSTRUCTS

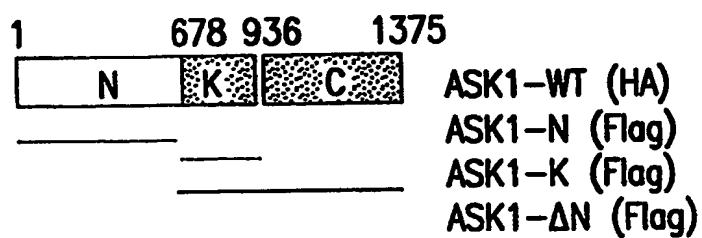


FIG.14A

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In vitro Interaction of ASK1-WT with cTnT

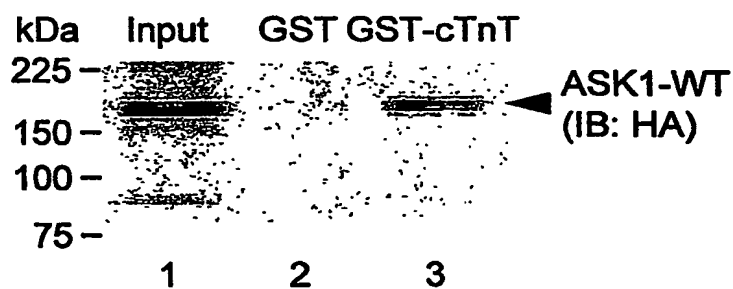


FIG.14B

The C-terminal domain of ASK1 associates with c TnT in vitro

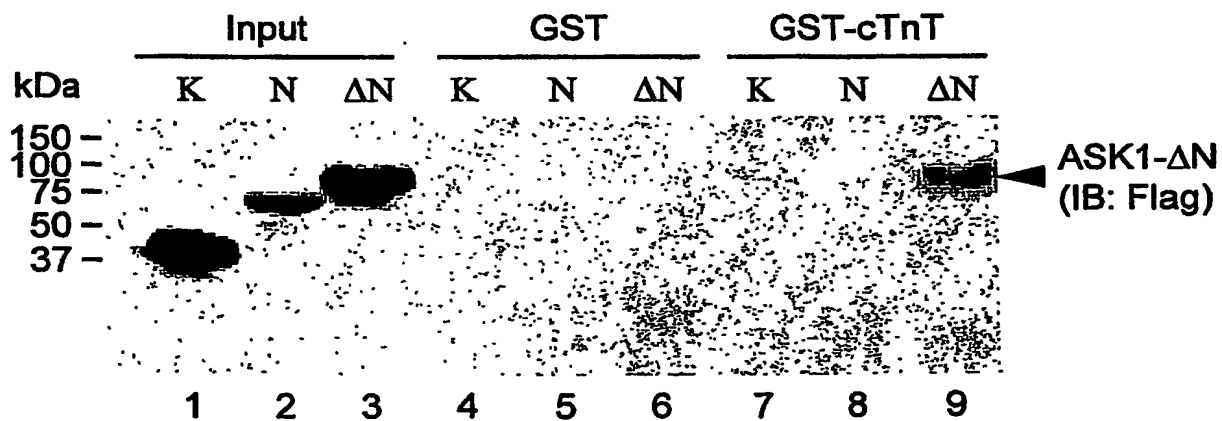


FIG.14C

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Transfection of ASK1-WT and cTnT in 293T

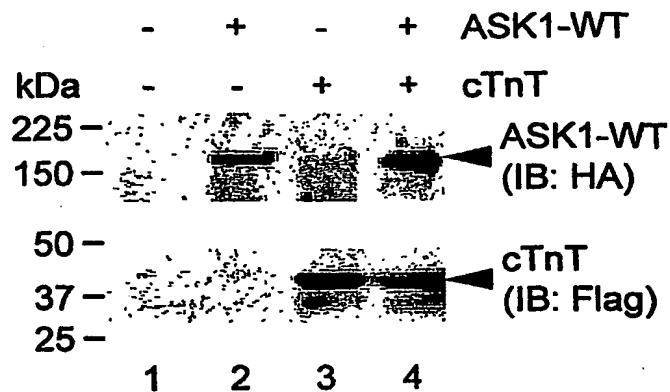
Transfected Plasmids

FIG.15A

IP: Flag

Interaction of ASK1-WT and cTnT in 293T

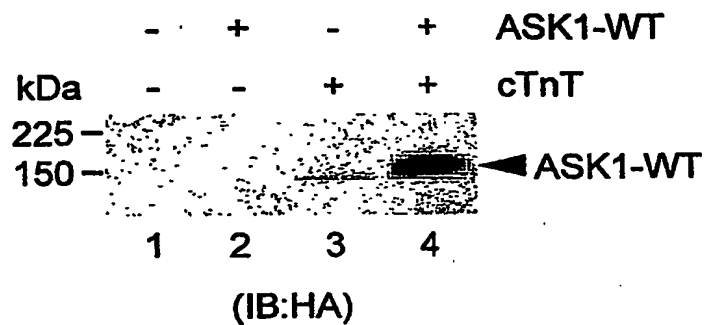


FIG.15B

IP: HA

Interaction of ASK1-WT and cTnT in 293T

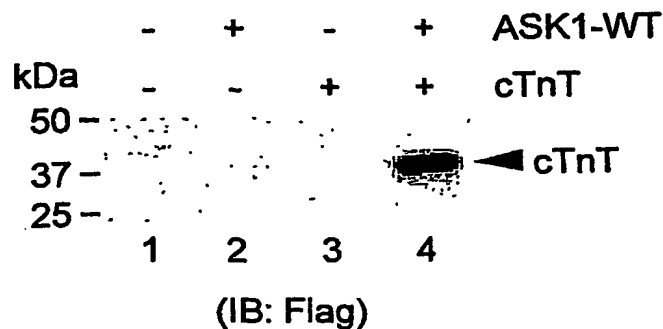


FIG.15C

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IB: ASK1

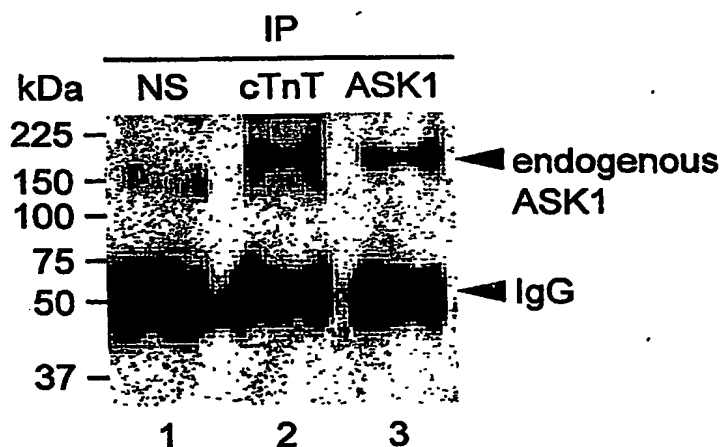
Interaction of endogenous ASK1
with cTnT in Cardiomyocyte

FIG.16A

IB: cTnT

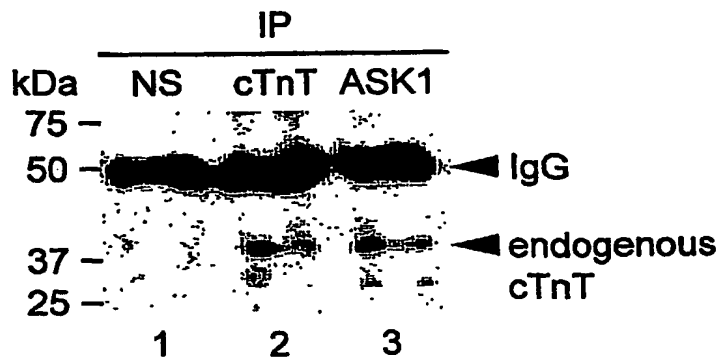
Interaction of endogenous ASK1
with cTnT in Cardiomyocyte

FIG.16B

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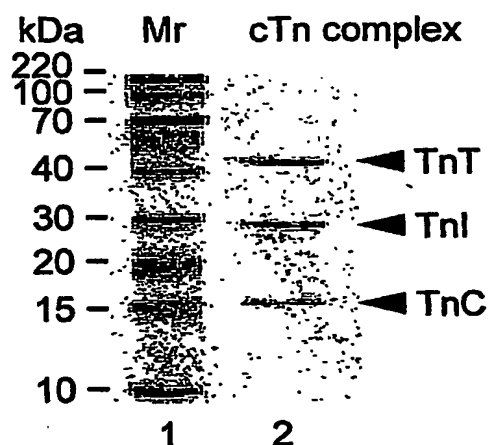
Coomassie staining
(15% SDS-PAGE)

FIG.17A

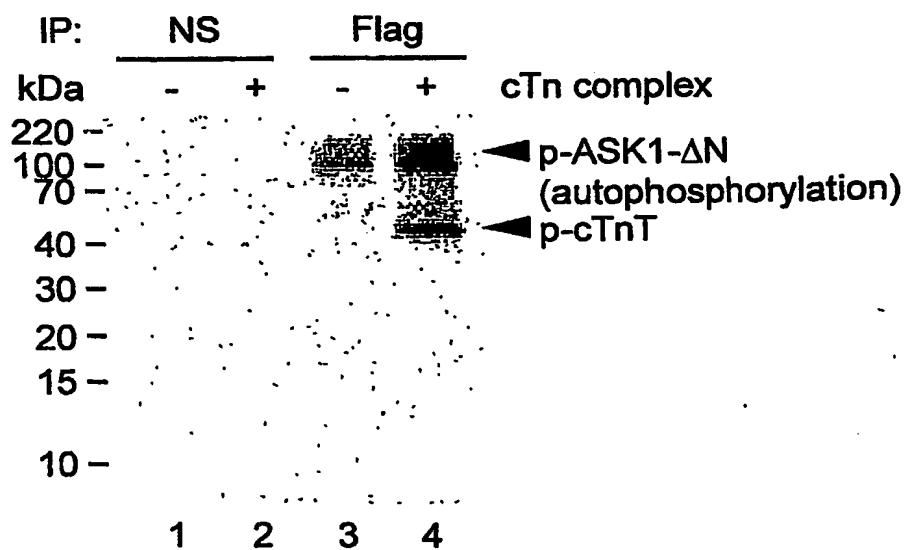
In vitro kinase activity
(15% SDS-PAGE)

FIG.17B

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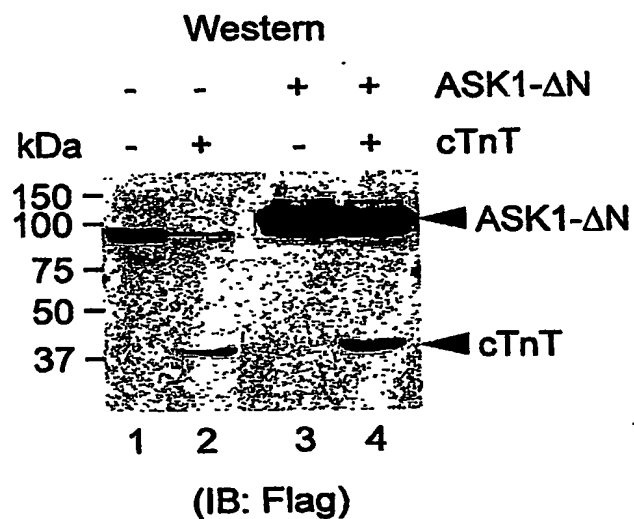


FIG.18A

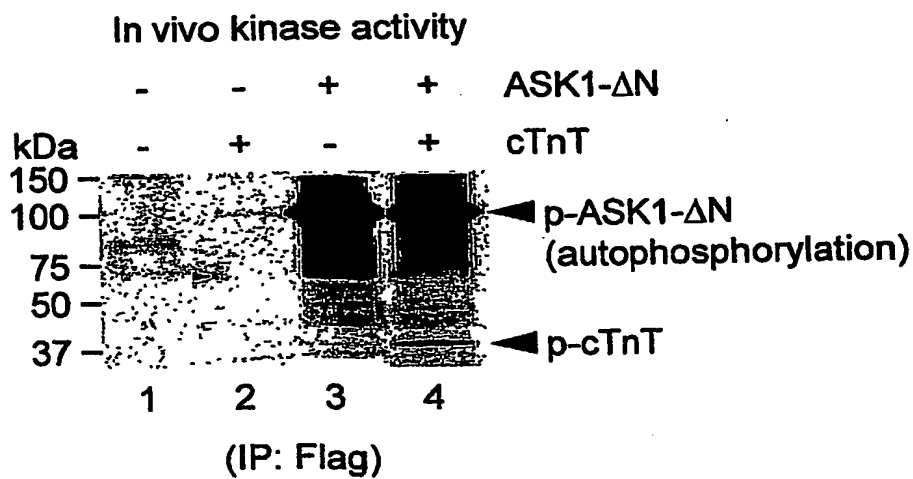
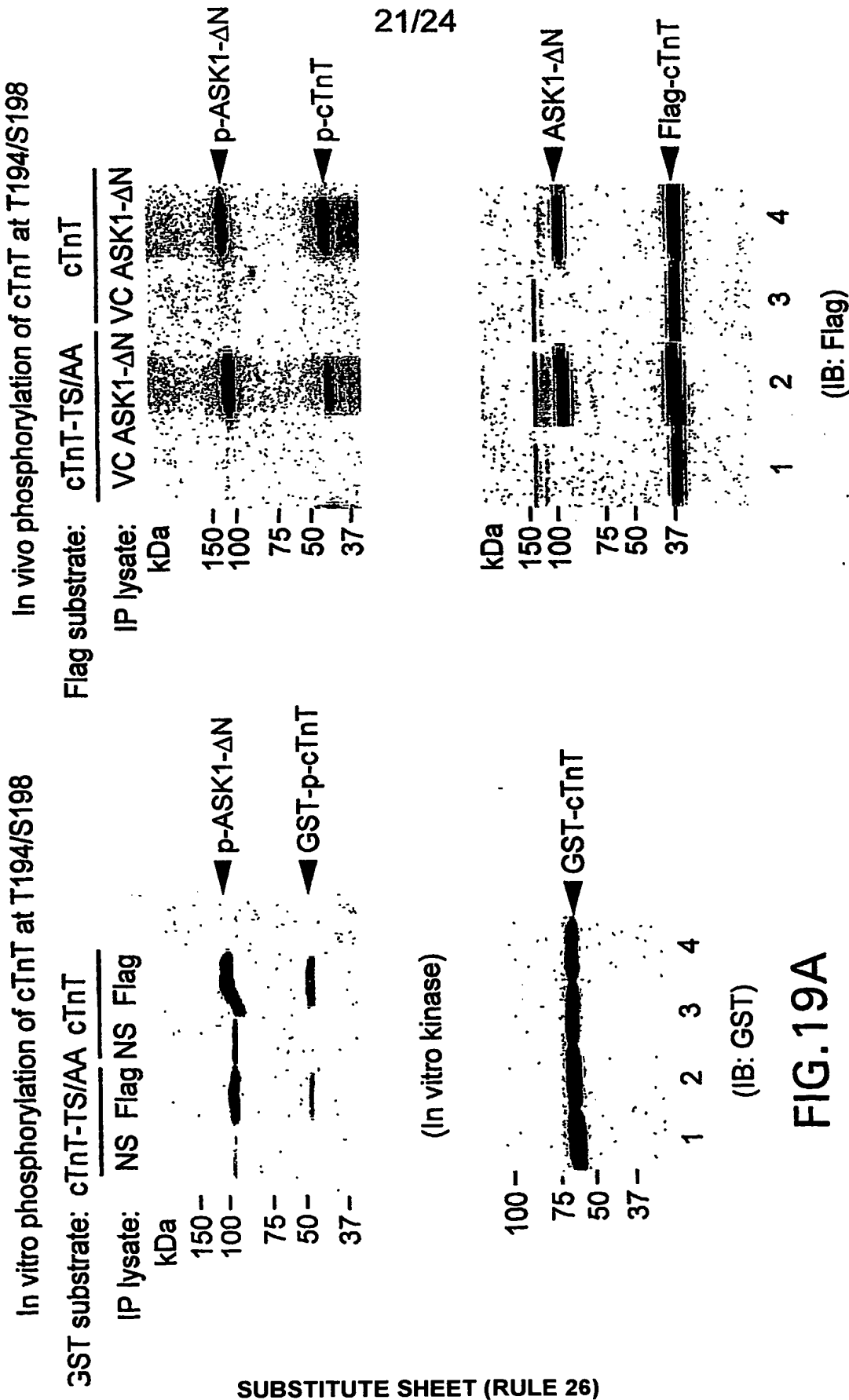


FIG.18B



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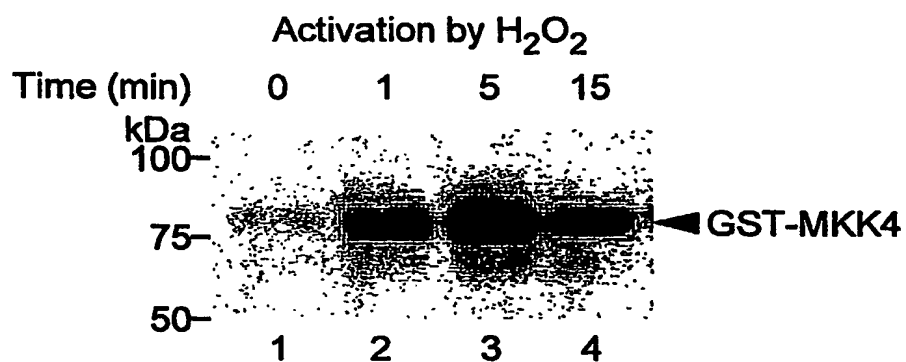


FIG.20A

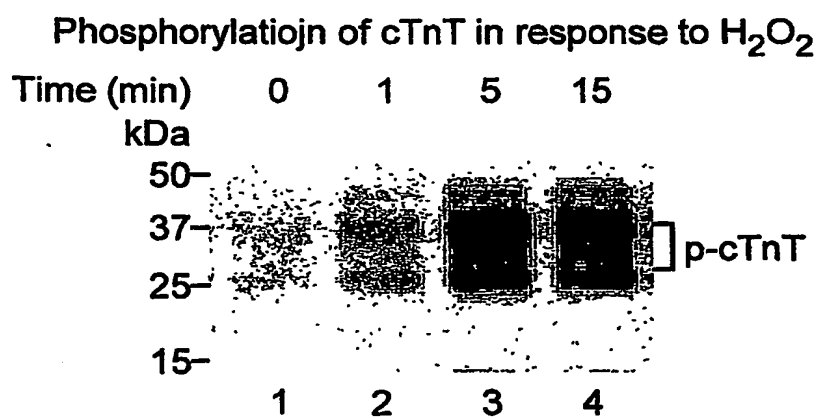


FIG.20B

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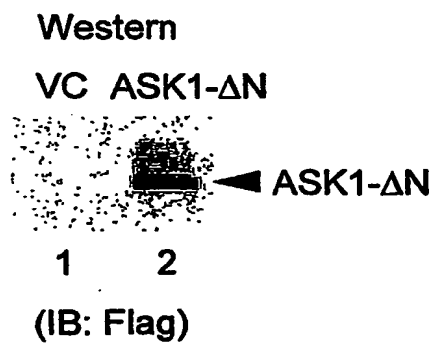


FIG.21A

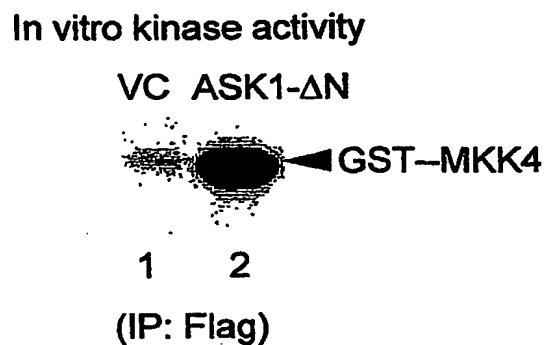


FIG.21B

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CARDIOMYOCYTE CONTRACTION IN ASK1-EXPRESSING CELLS

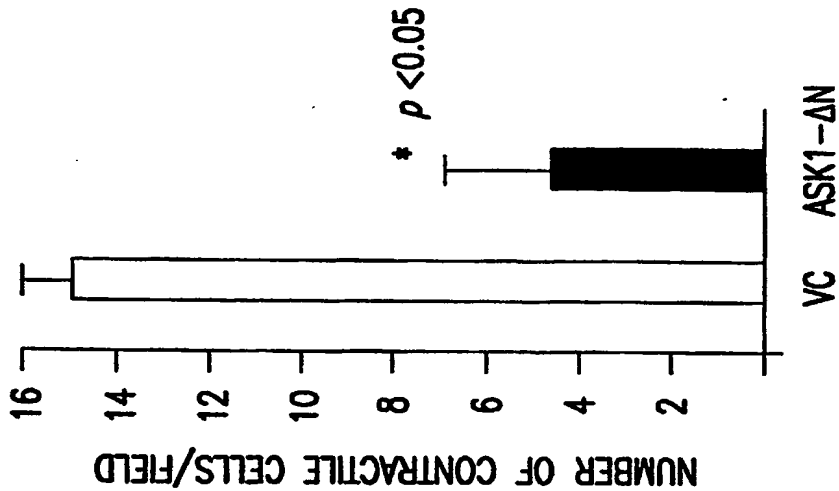


FIG.21D

Ca2+ -STIMULATED MgATPase ACTIVITY

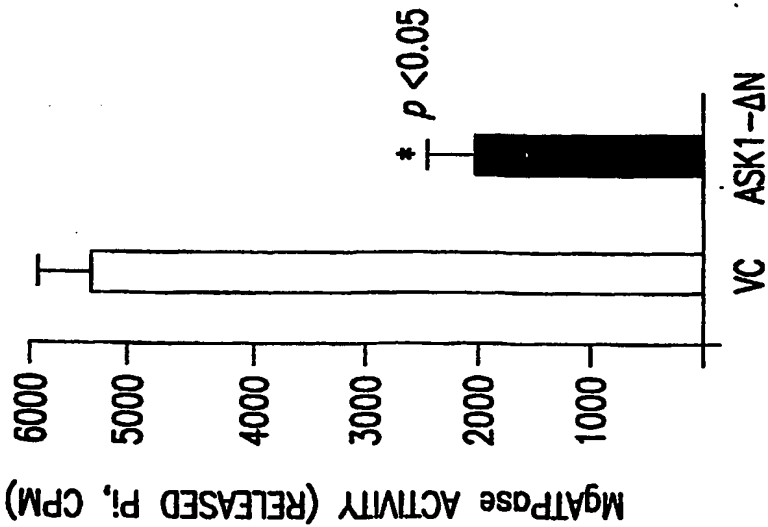


FIG.21C

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